

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 06 Feb 2023 until 23:59 on Tuesday 07 Feb 2023

Forecast Issued on Sunday 05 Feb 2023 at 10:17

Confidence: High for the pattern but lowering for cloud detail.

Headline for Monday 06 Feb 2023: Mainly dry with brighter spells more likely early. Relatively light winds. Freezing level and inversion slowly lifting.

Mountain weather hazards on Monday 06 Feb 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Clear night	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	<05%	<05%	10%	10%

Forecast for Monday 06 Feb 2023

Weather: Dry with prolonged clear periods overnight. Some early bright and sunny spells, but higher cloud increasing during the morning, and lowering for the afternoon and evening, particularly in the west where some patchy light rain or drizzle may develop.

Chance of cloud-free hill tops above 600m: 90% plus at first, becoming late afternoon 40% in west and 80% in east

Low Cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases lowering later, occasionally reaching 500m in west by late afternoon, infrequently so in east

Forecast for Monday 06 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SW	11/17 SW	11/17 SW	12/21 SW	15/21 SW	14/20 SW	15/23 SW	16/24 SW	14/22 SW
300	2/9 SW	3/10 SW	2/9 S	2/12 SW	7/16 SW	7/15 SW	6/17 SW	6/18 SW	6/16 SW
Valley	1/7 SW	2/8 SW	2/8 SW	3/10 SW	3/9 SW	5/12 SW	3/12 SW	4/14 SW	5/15 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	-0/-5	-0/-5	0/-5	1/-4	1/-4	0/-5	1/-5	1/-4
300	-1/-4	-2/-4	-2/-4	-0/-3	4/1	4/1	2/-1	2/-0	2/-0
Valley	0/-2	0/-2	-1/-3	1/-1	4/3	5/4	3/1	3/1	3/1
Freezing Level*	400m	300m	200m	300m	700m	700m	700m	800m	900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Severe wind chill effect across higher peaks. Inversion near the freezing level. Winds significantly stronger just under the inversion than the values stated in the table.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 05 Feb 2023	1.8mm	4.4mm	32.4mm

Forecast for Tuesday 07 Feb 2023

Weather: Rather cloudy with some isolated patches of light rain or drizzle, largely confined to western areas of the Park. Most dry in east where the best of the limited brighter spells appear.

Maximum wind: West to southwest 15mph or less

Chance of cloud-free hill tops above 600m: 25% in west 75% in east

Low Cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases occasionally lowering 500m in west, infrequently so in east

Temperature: **Valleys:** Minus 3 Celsius rising 9 Celsius for the afternoon

At 600m: Plus 2 Celsius

Freezing level: Above all summits